



P.O. Box 1771
Long Beach, CA 90801

REFERENCE:
BULLETIN 25-268

DC-9

SERVICE BULLETIN SUMMARY

NOTE: This summary is for information only and is not FAA approved for modification of aircraft.

SUBJECT: EQUIPMENT/FURNISHINGS -
Lavatories - Modify
Forward and Aft Lavatory
Waste Container Assemblies.

NOTE

Operators that have not incorporated DC-9 Service Bulletin 25-259 should consider accomplishing Service Bulletin 25-268 in conjunction with Service Bulletin 25-259.

This Service Bulletin is applicable only to aircraft equipped with lavatory washstand assemblies.

Operator to determine service kit required for applicable aircraft configuration.

Kit SB09250268-7001

Aircraft equipped with forward lavatory.

Kit SB09250268-7003

Aircraft equipped with aft lavatory.

ANALYSIS: Five operators reported 12 instances of return spring failures on door hinge of lavatory towel waste chute. In addition, it was reported that a 1/4 inch gap existed between bottom of waste container and cleanout door. These conditions can affect fire containment capability of lavatory towel waste container.

MODIFICATION DESCRIPTION: This modification accomplishes the following on the forward and aft lavatory towel waste containers:

(1) Replaces upper towel waste door and hinge assembly. (2) Reinforces the lower door area. Accomplishment of this modification will improve service life of lavatory towel waste container and provide improved container sealing capability to enhance fire containment.

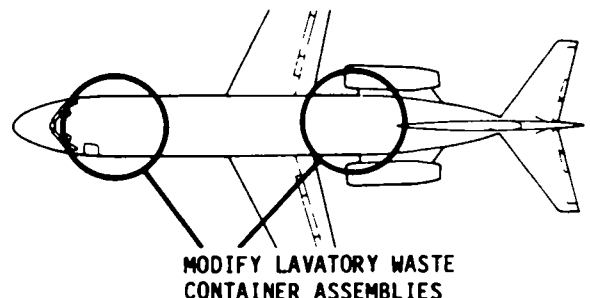
EFFECTIVITY: DC-9, Series 10, 20, 30, 40, 50, C-9, DC-9-81, -82, and -83 (MD-81, -82, and -83) aircraft. (See Service Bulletin 25-268 for detailed Effectivity.)

COMPLIANCE: It is recommended that this modification be accomplished at operator's convenience.

Per Lavatory

MANPOWER: Total Man-Hours - 4.0
Total Elapsed Hours - 4.0

MATERIAL INFORMATION: Parts required to accomplish this modification are contained in kits SB09250268-7001 and -7003 and are to be purchased from DAC. Operator to determine kit required per interior configuration of aircraft. See note under title of this Summary. Remaining parts to be procured from operator's stock or supplier.



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Reference Bulletin 25-268



DC-9

3855 Lakewood Boulevard
Long Beach, California 90801

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SERVICE BULLETIN

EQUIPMENT/FURNISHINGS - Lavatories - Modify Forward and Aft Lavatory Waste Container Assemblies.

NOTE

Operators that have not incorporated DC-9 Service Bulletin 25-259 should consider accomplishing this Service Bulletin in conjunction with Service Bulletin 25-259.

This Service Bulletin is applicable only to aircraft equipped with lavatory washstand assemblies.

Operator to determine service kit required for applicable aircraft configuration.

Kit SB09250268-7001

Aircraft equipped with a forward lavatory.

Kit SB09250268-7003

Aircraft equipped with aft lavatory.

1. Planning Information:

A. Effectivity:

(1) Aircraft Affected:

DC-9, Series 10, 20, 30, 40, 50, C-9,
DC-9-81, -82, and -83 (MD-81, -82, and -83)

(a) Operator and Aircraft Number:

<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
AA	49145	AA	49171 thru 49181
	49155	(cont)	49251
	49158 and 49159		49253 thru 49259
	49161 thru 49163		49269 thru 49273
	49167 and 49168		49286 thru 49296

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Operator	Factory Serial No.	Operator	Factory Serial No.
AC	45845	AL	48138 thru 48147
	47019	(cont)	48154 thru 48159
	47021 and 47022		
	47024	AM	45785
	47069 thru 47071		47006
	47195		47059
	47198 and 47199		47085
	47265 and 47266		47106
	47289 and 47290		47122 and 47123
	47292 thru 47294		47125 thru 47127
	47340 thru 47342		47356
	47348 thru 47350		47394
	47353 and 47354		47594
	47422		47602
	47485		47607
	47546		47609
	47554		47650
	47557		48067 thru 48069
	47560		48083
	47592		48125 thru 48130
	47598		48150 and 48151
	47611		49149
			49188 thru 49190
AL	45868		
	47026	AO	47080
	47050 thru 47054		47091 and 47092
	47057 and 47058		47556
	47066		47637
	47099		47640
	47130		47642 thru 47644
	47146		47675
	47188 and 47189		47678
	47207 thru 47210		47702
	47212		47704
	47216		47706 and 47707
	47310		48103 thru 48106
	47332		
	47334 thru 47336	AU	48024 and 48025
	47351 and 47352		48050
	47371 thru 47375		
	47420 and 47421	AS	49231 thru 49234
	47429		
	47505 thru 47508	AY	47044
	47564		47604 thru 47606
	47574		47613 and 47614
	47576		47694 thru 47696
	47583		47736 thru 47738
	47588		47771 thru 47773
	47590		48134 thru 48136
	47593		49150 thru 49152
	48114 thru 48120		49252
	48131		49284

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<u>Operator</u>	<u>Factory Serial No.</u>		<u>Operator</u>	<u>Factory Serial No.</u>	
AZ	47038	and 47039	CO (cont)	47110	
	47046	and 47047		47218	
	47101			47281	
	47128	and 47129		47521	
	47222	and 47223		47524	
	47226			47535	
	47231			47765	
	47233	thru 47236		47788	
	47238			47797	thru 47799
	47283			48111	thru 48113
	47311			49222	
	47339			49229	
	49192	thru 49211		49262	thru 49264
				49370	and 49371
BD	45712	and 45713	DL	47176	and 47177
	45719			47257	thru 47262
	45738	and 45739		47273	thru 47278
	47048			47284	and 47285
	47430			47317	thru 47323
	47468			47358	and 47359
BM	47224	and 47225		47377	thru 47379
	47228	thru 47230		47443	thru 47445
	47232			47466	
	47237			47486	
	47432	thru 47438		47516	
	47502			47525	
	47518	and 47519		47529	
	47533		EA	45733	and 45734
	47544			45833	thru 45840
	47553			45863	thru 45867
	47575			45869	
	47591			45871	thru 45876
	47641			47036	
	47653			47074	
BW	47742	and 47743		47098	
	47752			47119	thru 47121
	47796			47140	thru 47143
	48122			47157	
				47161	
CA	49140	and 49141		47165	thru 47167
CO	45714	thru 45716		47181	
	45726			47184	
	45735	and 45736		47186	and 47187
	45742	and 45743		47214	and 47215
	45786			47217	
	45791			47268	thru 47272
	45843	and 45844		47327	thru 47331
	45847			47399	

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
EA (cont)	47401 thru 47403 47665 47676 and 47677 47679 47682 and 47683 47685 and 47686 47688 and 47689 47692 and 47693 47728 47731 thru 47733 47745 and 47746 47749 47751 47753	GB (cont)	47384 47426 and 47427 47465
		GH	47755
		HA	47013 47045 47204 47662 47763 and 47764
		IB	47037 47076 47079 47084 47088 thru 47090 47093 47312 thru 47314 47364 and 47365 47368 47428 47446 and 47447 47452 thru 47456 47461 47496 47504 47522 47542 and 47543 47545 47565
EZ	47220 47355	IG	47713 thru 47715 49247 and 49248
FL	48022 48027 48044 and 48045 48051 48058 48062 and 48063 48073 and 48074 49102 49114 49118	IW	45696 45841
GA	47385 and 47386 47481 47569 47601 47635 47701 47722 47730 47740 and 47741 47744 47789 thru 47795	II	47408
GB	45717 45728 47008 47040 47072 47147 AND 47148 47203 47291 47363 47380 and 47381	JD	47608 47612 47615 and 47616 47619 and 47620 47759 thru 47762 47767 and 47768 47780 and 47781 48029 thru 48033 48070 thru 48072 49280 and 49281

<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
JK	45695 45795 45842 47043	MC	47651 and 47652 47659 thru 47661 47726 47735 48056 and 48057 49120 thru 49122 49125
JP	47239 47392 47530 47570 47697 47754 48046 48048 48087 49379	ML	45710 45737 45741 45776 45778 thru 45781 45783 and 45784 47005 47104 and 47105 47202 47527 47547 thru 47549
JU	47425 47460 47470 47472 47532 47562 and 47563 47567 and 47568 47571 47582	NY	45788 and 45789 45792 and 45793 47067 47094 47111 thru 47113 47219 47315 and 47316 47423 and 47424 47487 47490 47520 47531 47539 47638 48066 49112 and 49113 49127 49249 49260
KE	49373 and 49374		
KL	45720 47102 47131 thru 47133 47168 thru 47170 47190 thru 47194 47201 47279 47462 47514 48132 and 48133		
KQ	47478		
LM	47648 47666 49123 and 49124	OS	47458 47484 47555 47559 47756 48015 thru 48021 48059 49115 49164 49278
LV	47000 47703 47705 47712 47719 thru 47721 47727 47770 47782		

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
OZ	45772 and 45773	RC (cont)	45825
	45798 and 45799		45827
	47001		45829 thru 45832
	47027 thru 47030		47016 thru 47018
	47033		47031
	47035		47042
	47082		47049
	47095 and 47096		47063 and 47064
	47107 thru 47109		47073
	47134 thru 47137		47078
	47172 thru 47174		47083
	47248 thru 47251		*47097
	47324		47103
	47343 thru 47345		47138 and 47139
	47357		47144 and 47145
	47409		47149 and 47150
	47411 and 47412		47155 and 47156
	47491		47158
	47589		47160
	47603		47162 thru 47164
	47617 and 47618		47171
	47669		47175
	47711		47182 and 47183
	47734		47185
	48123 and 48124		47205 and 47206
	49230		47244
	49245		47246 and 47247
PS	45846		47252 thru 47256
	47020		47263 and 47264
	47023		47280
	47068		47337 and 47338
	48026		47346 and 47347
	48028		47362
	48034 thru 48043		47369 and 47370
	48049		47376
	48052 and 48053		47382
	48092 thru 48099		47389 thru 47391
	49119		47404 thru 47406
	49138 and 49139		47415 thru 47417
	49142 and 49143		47439 and 47440
RC	49237		47450
	45701		47459
	45703 thru 45705		47469
	45707 thru 45709		47473
	45723		47517
	45729		47566
	45744 thru 45749		47572 and 47573
	45770		47647
	45787		47664
			47708 thru 47710
			47716 thru 47718

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
RC (cont)	47724	SR	45790
	47729		47282
	47739		47383
	47757 and 47758		47480
	47769		47523
	47774 thru 47776		47654 thru 47658
	47785 thru 47787		47783 and 47784
	48054 and 48055		48002 thru 48014
	48086		49100
	48088 thru 48091	TK	45774
	48100 thru 48102		47397
	48107 thru 48110		47442
	48121		47451
	48148 and 48149		47488 and 47489
	49110		47534
			47674
			47723
RS	45721 and 45722	TN	47007
SI	48079 and 48080		47009
	49103 and 49104		47326
	49111		47418 and 47419
	49126		47528
SK	47114 thru 47117	TW	47550 thru 47552
	47178 thru 47180		49153 and 49154
	47286 thru 47288		49156 and 49157
	47301 thru 47303		49160
	47305 thru 47308		49165 and 49166
	47360 and 47361	UA	49169 and 49170
	47395 and 47396		49182 thru 49187
	47413 and 47414		49366 thru 49369
	47464		49116 and 49117
	47492 thru 47494	XAS	49246
	47497 thru 47499		49250
	47509 thru 47513		49261
	47596 and 47597		49265
	47599	XLL	47672 and 47673
	47610		47680
	47623 thru 47634	XZD	45826
	47646		47011
	47725		47152
	47747 and 47748		
	47750		
	47766		
	47777 thru 47779		

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
YA	45732	ZNV	47003 and 47004 47041 47065 47221 47325 47410 47431 47474 47476 and 47477 47577 and 47578 47580 and 47581 47584 thru 47587 47639 47681 47684 47687 47698 thru 47700 48137 48165 and 48166
YBB	47479 49101 49277		
YMP	49144		
ZAF	47241 and 47242 47295 47297 thru 47300 47366 and 47367 47448 and 47449 47467 47471 47475 47495 47536 thru 47538 47540 and 47541 47668 47670 and 47671	ZOR	45828 47012 47014 47055 47062 47086 47153 47240
ZBM	47087		
ZCA	47061		
ZCP	47151		
ZER	45698 and 45699 45730 47010 47015 47060	ZRS	45797
		ZWX	45711 45718 45725 45727
ZGM	45782		
ZGU	45740	Z4F	45706
ZH4	45731	Z7D	45702
ZIG	47595 47600	Z9N	47663
ZKD	45775		
ZKG	47690 and 47691		
ZKL	47154		

(b) Other Aircraft:Factory Serial No.

47501
47526
48000

NOTE: Aircraft listed under Other Aircraft are affected by this Service Bulletin but were not assigned to any specific operator at time of Service Bulletin issue.

*On factory serial number 47097 (Fuselage No. 193), Service Bulletin Modification data may not reflect actual conditions due to repair station wing replacement in 1984.

A new type modular lavatory will be installed on all applicable DC-9 Series and MD-80 aircraft, manufacturer's fuselage number 1216 and subsequent.

(2) Spares Affected:Spare Part No.Key Word

5920937-(Any Configuration)

Container Assembly

5956509-(Any Configuration)

Container Assembly

B. Reason:

Five operators reported 12 instances of return spring failures on door hinge of lavatory towel waste chute. In addition, it was reported that a 1/4 inch gap existed between bottom of waste container and cleanout door. These conditions can affect fire containment capability of lavatory towel waste container. This modification closes gap and reinforces lower door area; replaces upper door and hinge assembly with a new door and improved hinge assembly on lavatory towel waste container. Accomplishment of this modification will improve service life of lavatory towel waste container and provide improved container sealing capability to enhance fire containment.

C. Description:

This modification accomplishes the following on the forward and aft lavatory towel waste containers:

- (1) Replaces upper door and hinge assembly.
- (2) Reinforces the lower door area.

D. Compliance:

It is recommended that this modification be accomplished at operator's convenience.

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E. Approval:

The resultant modification described in paragraph 1.C has been shown to comply with the applicable Federal Aviation Regulations and is approved by the Manager, Los Angeles Area Aircraft Certification Office, FAA Northwest Mountain Region, on June 11, 1986.

F. Manpower:

This modification may be accomplished in approximately 4.0 man-hours or 4.0 elapsed hours per lavatory:

NOTE: Man-hours are estimated based on the assumption that the aircraft/unit has been placed in a maintenance status. The man-hour/elapsed time estimates do not include:

1. Preparation for the modification: Examples; defueling, purging, placing work stands, opening standard access doors, obtaining tools, and jacking when not essential to the modification.
2. Nonproductive elapsed time: Examples; sealant or adhesive cure time, cleaning, paint drying time, lunch and/or rest periods, and quality assurance inspections.
3. Administrative functions: Examples; planning, engineering liaison, parts requisition, shift change coordination, and report writing.

Operators should take the above into consideration when scheduling this modification.

G. Material - Cost and Availability:(1) Aircraft:

The service kits required to accomplish this modification are listed in paragraph 3.A and are to be procured from Douglas Aircraft Company. Parts bearing Douglas Aircraft Company part numbers are proprietary parts and must be procured under the spare parts article of the purchase agreement, unless methods of manufacture are shown.

The following selling prices apply to all orders received prior to the expiration date of December 31, 1986.

<u>Kit</u>	<u>Net Prices Any Quantity</u>
SB09250268-7001	\$1,260.00
SB09250268-7003	1,260.00

The published kit price is firm for all purchase orders in any quantity received prior to the expiration date and is predicated on orders being accomplished and released on this date. The Douglas Aircraft Company is prepared to deliver kits 240 days after receipt of purchase order.

The kit price for purchase orders received subsequent to the expiration date will be subject to review and may reflect an increase in price and will be individually scheduled. Purchase orders requesting accelerated schedules which would reduce the established lead time will be subject to price and delivery negotiations.

The purchase order must specify this Service Bulletin number and only parts listed herein. Direct purchase order to:

Douglas Aircraft Company
P.O. Box 1771
Long Beach, California 90801
Attn: Parts Sales - Commercial 54-50
(DC-9 Service Bulletin 25-268)

(3) Spares:

Not applicable.

H. Tooling - Price and Availability:

None.

I. Weight and Balance:

This modification will increase the weight of the aircraft as follows:

KIT SB09250268	SERIES AIRCRAFT	APPROXIMATE STATION LOCATION OF WEIGHT INCREASE	MFR'S EMPTY WEIGHT (MEW) INCREASE LBS	MOMENT CHANGE (MEW) IN.-LBS	INDEX UNIT CHANGE (MEW)
-7001	10/30	215.6	+0.5	+107.8	-0.2
	30/C9	215.6	+0.5	+107.8	-0.2
	40	215.6	+0.5	+107.8	-0.3
	50	215.6	+0.5	+107.8	-0.3
	MD-80	215.6	+0.5	+107.8	-0.4
-7003	10/20	801.0	+0.5	+400.5	+0.1
	30/C-9	980.0	+0.5	+490.0	+0.1
	40	1056.0	+0.5	+528.0	+0.2
	50	1151.0	+0.5	+575.5	+0.2
	MD-80	1322.0	+0.5	+661.0	+0.3

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J. References:

Data used in preparation of this Service Bulletin:

<u>Data Identification</u>	<u>Change</u>	<u>Type of Data</u>
SR09250003 SRM Chapter 51	C	Service Rework Drawing Structural Repair Manual

K. Publications Affected:

The modification outlined in this Service Bulletin affects the following DAC DC-9 and MD-80 aircraft publications:

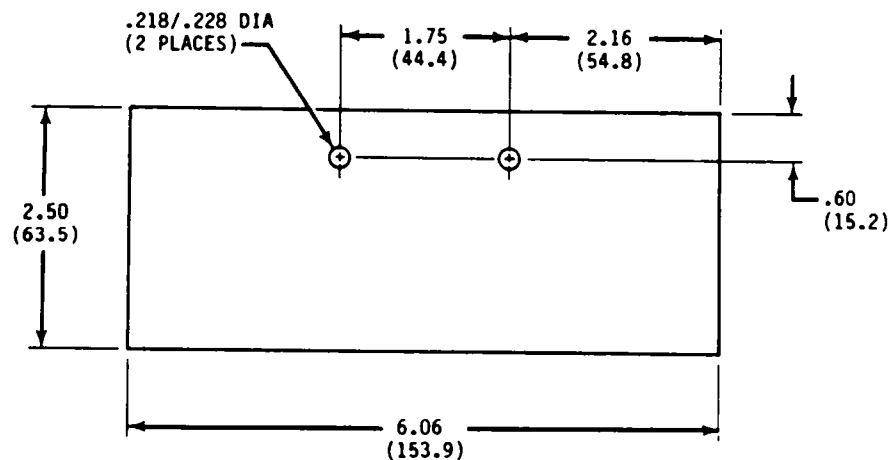
<u>Publication</u>	<u>Chapter and/or Section</u>
Illustrated Parts Catalog Weight and Balance Charts	25-40

2. Accomplishment Instructions:

WARNING: TO AVOID INJURY TO MAINTENANCE PERSONNEL OR DAMAGE TO EQUIPMENT, MAKE CERTAIN ADEQUATE PRECAUTIONS ARE TAKEN WHILE PERFORMING ANY WORK IF ELECTRICAL POWER IS APPLIED TO THE AIRCRAFT.

CAUTION: ELECTRICALLY GROUND THE AIRCRAFT.

- A. Fabricate hinge assembly locating tool (one required) from 6061-T6 aluminum clad sheet, .030 X 3 X 7 inches. Material Specification QQ-A-250/11, Temper T6. Identify as SR09250003-13. (See Sketch.)
- B. SB09250268-7001 Kit - Modify forward lavatory towel waste container as shown on Figure 1.
- C. SB09250268-7003 Kit - Modify aft lavatory towel waste container as shown on Figure 2.



NOTE UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES, METRIC SYSTEM EQUIVALENTS SHOWN IN PARENTHESES ARE IN MILLIMETERS.

TOLERANCES

ANGLES	± 0° 30'
3 PLACE DECIMAL	± .015 (0.38)
2 PLACE DECIMAL	± .03 (0.8)

FABRICATE HINGE ASSEMBLY LOCATING TOOL (ONE REQUIRED) FROM 6061-T6 ALUMINUM CLAD SHEET, .020 X 3 X 7 INCHES, MATERIAL SPECIFICATION QQ-A-250/11, TEMPER T6. IDENTIFY AS SR09250003-13.

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NOTE: REFERENCED CHAPTERS AND PARAGRAPHS REFER TO SECTIONS OF THE STRUCTURAL REPAIR MANUAL.

- ① OPEN AND SECURE 5914557-(ANY CONFIGURATION) AND 5920937-11 DOORS FOR ACCESS TO REPAIR AREA OF CONTAINER ASSEMBLY.
- ② CLEAN INSIDE OF CONTAINER ASSEMBLY BELOW DOOR OPENING PER CHAPTER 51-70-1 PARAGRAPH ENTITLED "REPAIR AREA PREPARATION AND CLEANING."
- ③ POSITION SR09250003-3 PLATE AND SECURE USING SR09250003-5 TAPE.
- ④ CUT THREE PIECES OF SR09250003-7 CLOTH 2 X 7 INCHES AND LAYUP PER CHAPTER 51-70-3, PARAGRAPH ENTITLED "GLASS FIBER LAYUP TO METAL REPAIRS."

NOTE: PARAGRAPHS 2.A.(2), (9), (10), AND (11) ARE NOT REQUIRED FOR THIS REPAIR.

- ⑤ (NOT SHOWN) ALLOW RESIN TO CURE AT ROOM TEMPERATURE; EIGHT HOURS FOR HALF STRENGTH AND 16 HOURS FOR FULL STRENGTH.

NOTE: HEAT MAY BE USED TO REDUCE CURING TIME AS APPLIED IN CHAPTER 51-70-3, PARAGRAPH 2.A. (9), (10), AND (11) OR CHAPTER 51-70-1, PARAGRAPH 6.

- ⑥ REIDENTIFY MODIFIED CONTAINER ASSEMBLY AS FOLLOWS:

<u>OLD PART NO.</u>	<u>NEW PART NO.</u>	<u>KEY WORD</u>
5920937-1	5920937-505	CONTAINER ASSY
OR		
5920937-501		CONTAINER ASSY
OR		
5920937-503	5920937-505	CONTAINER ASSY
5920937-509	5920937-507	CONTAINER ASSY

- ⑦ REFORM DOOR AS REQUIRED TO MAINTAIN .030 (.76) INCH MAXIMUM CLEARANCE BETWEEN DOOR AND CONTAINER.
- ⑧ CLOSE CONTAINER AND CABINET DOOR.
- ⑨ REMOVE 4914565-1 OR -501 DOOR ASSEMBLY AS FOLLOWS:
 - a. 4914565-1 - SEPARATE 4914565-3 DOOR FROM 4914565-5 HINGE HALF USING A SHARP EDGED CHISEL.
 - b. 4914565-501 - REMOVE TWO MS51957-44 SCREWS.
- ⑩ REMOVE 4914565-7 HINGE FROM CABINET AS FOLLOWS:
 - a. SAND FIBERGLASS FROM SURFACE OF HINGE.
 - b. USING A SHARP EDGE CHISEL, PRY HINGE FROM CABINET.
 - c. REMOVE S224504259-320 PIN AND S133509-12 SPRING.
 - d. REMOVE RESIN AND GLASS CLOTH TO SMOOTH CABINET SURFACE.

FORWARD LAVATORY WASTE CONTAINER - MODIFICATION

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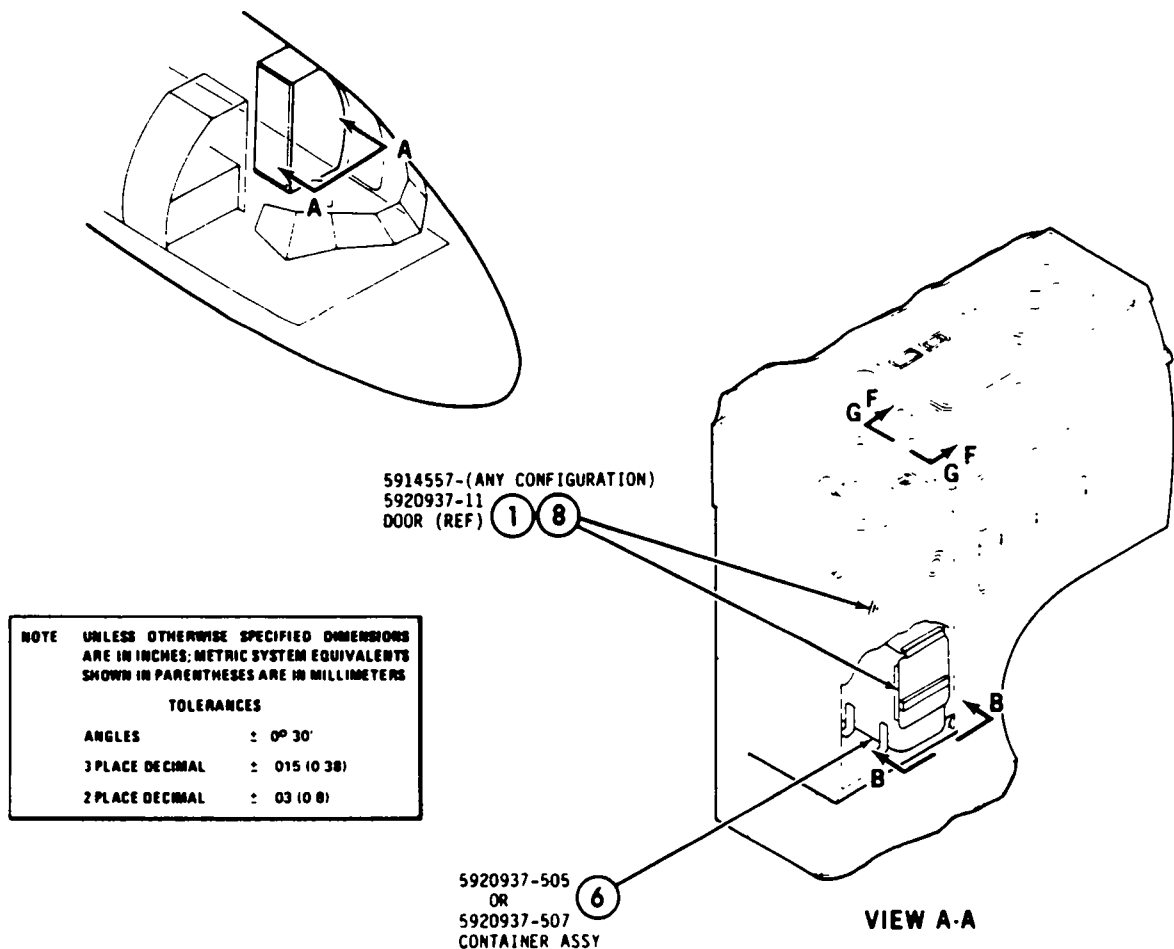
FIGURE 1 (SHEET 1 OF 6)

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- ⑪ CLEAN AREA PER CHAPTER 51-70-03, PARAGRAPH ENTITLED "GLASS FIBER LAYUP TO METAL REPAIRS," AND INSTALL SR09250003-19 BRACKET ASSEMBLY AS FOLLOWS:
- ATTACH SR09250003-17 HINGE ASSEMBLY (TEMPORARILY OMIT 4956762-1 SPRING) TO SR09250003-13 LOCATING TOOL AND SR09250003-19 BRACKET ASSEMBLY USING NEW S2245042S9-320 HINGE PIN AND FOUR MS51957-44 SCREWS.
 - CENTER LOCATING TOOL IN OPENING, FLUSH AGAINST TRIM SURFACE OF CABINET.
 - BOND SR09250003-19 BRACKET TO CABINET AND ALLOW TO CURE.
 - REMOVE SR09250003-17 HINGE ASSEMBLY AND SR09250003-13 LOCATING TOOL.
 - LAYUP TWO LAYERS OF SR09250003-23 GLASS CLOTH ON SR09250003-19 BRACKET ASSEMBLY EXTENDING 1.00 (25.4) INCH FROM BRACKET ON THREE SIDES PER CHAPTER 51-70-3, PARAGRAPH ENTITLED "GLASS FIBER LAYUP TO METAL REPAIRS."
- ⑫ INSTALL SR09250003-17 HINGE ASSEMBLY WITH 4956762-1 SPRING INSTALLED, ON SR09250003-19 BRACKET ASSEMBLY.
- ⑬ INSTALL SR09250003-21 DOOR AND VERIFY THAT DOOR SEALS AGAINST CABINET TRIM SURFACE.



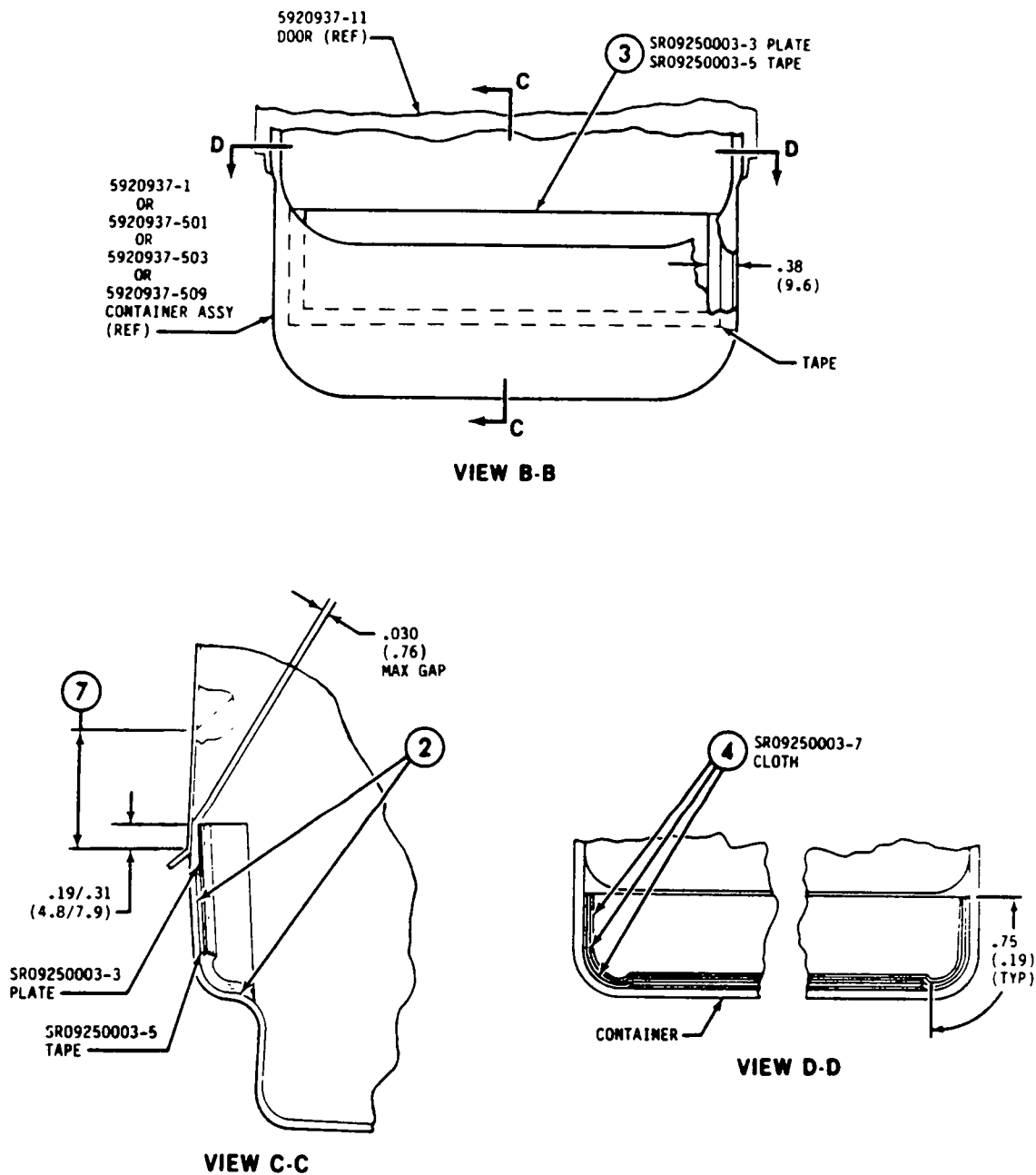
FORWARD LAVATORY WASTE CONTAINER - MODIFICATION

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FIGURE 1 (SHEET 2 OF 6)

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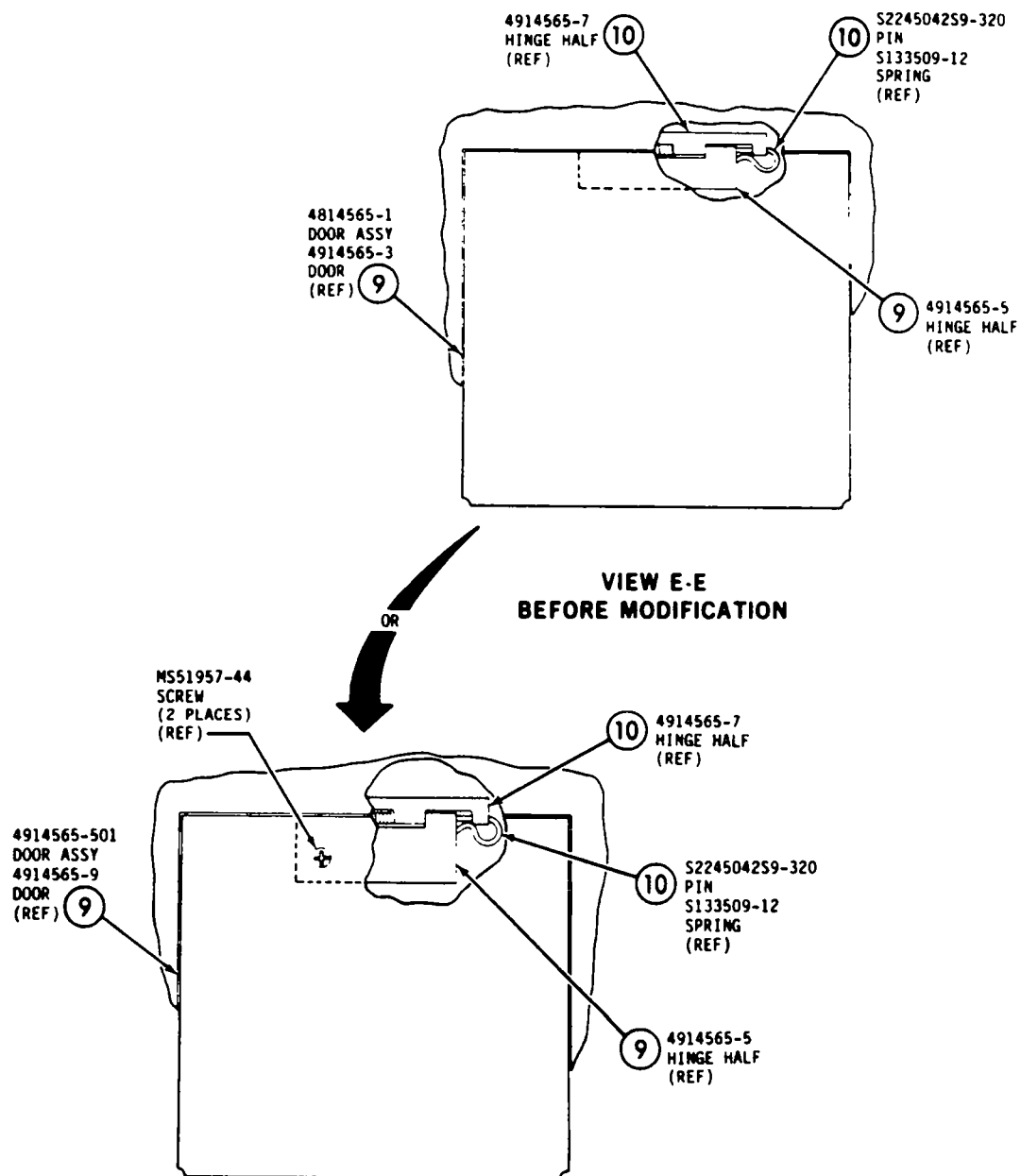
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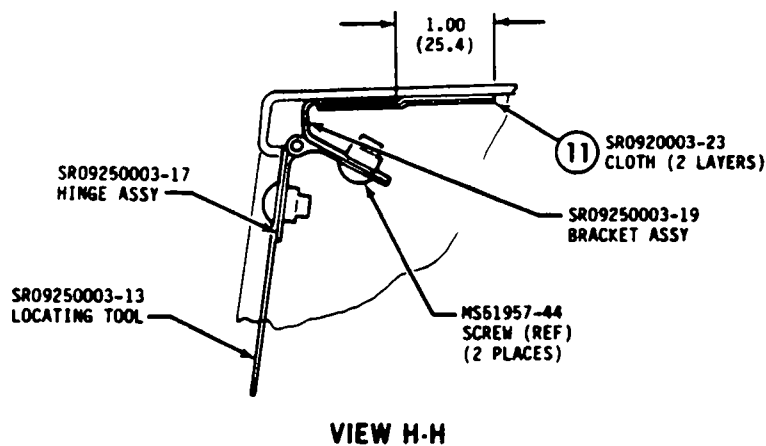
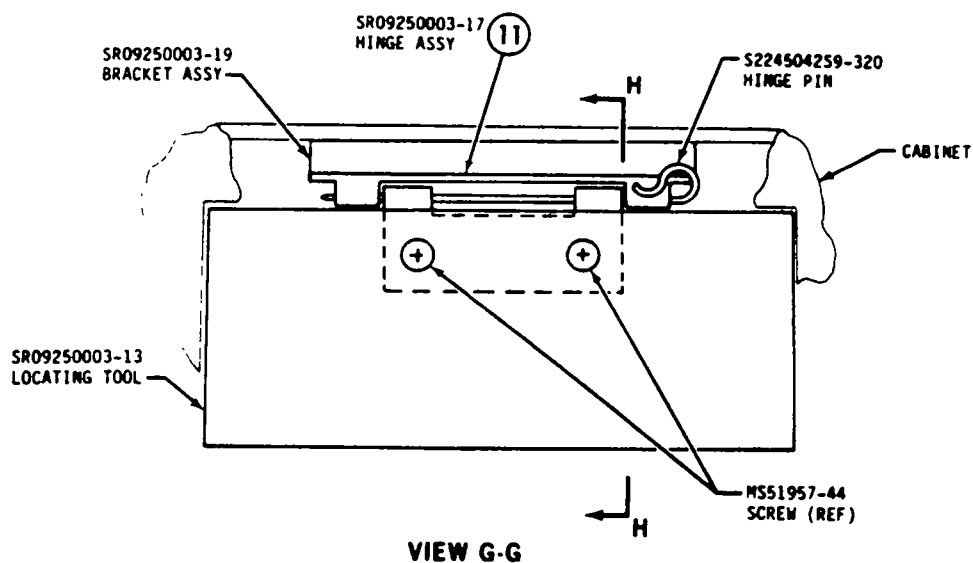
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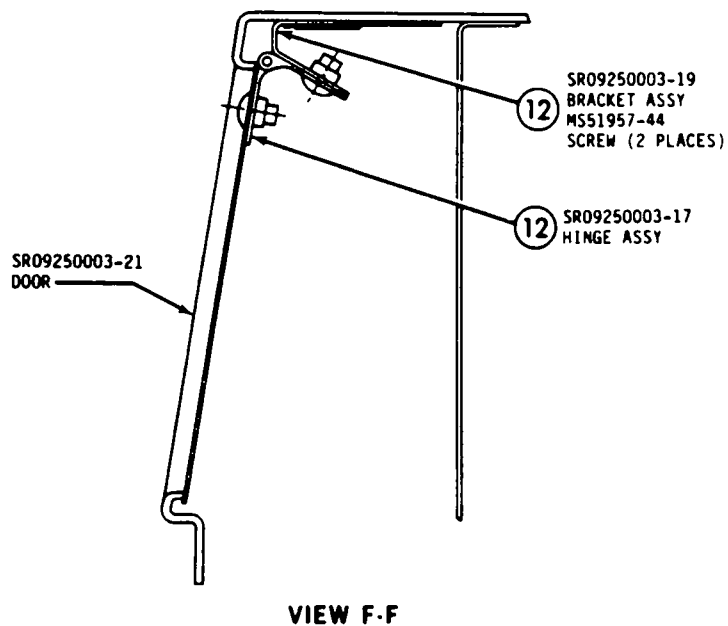
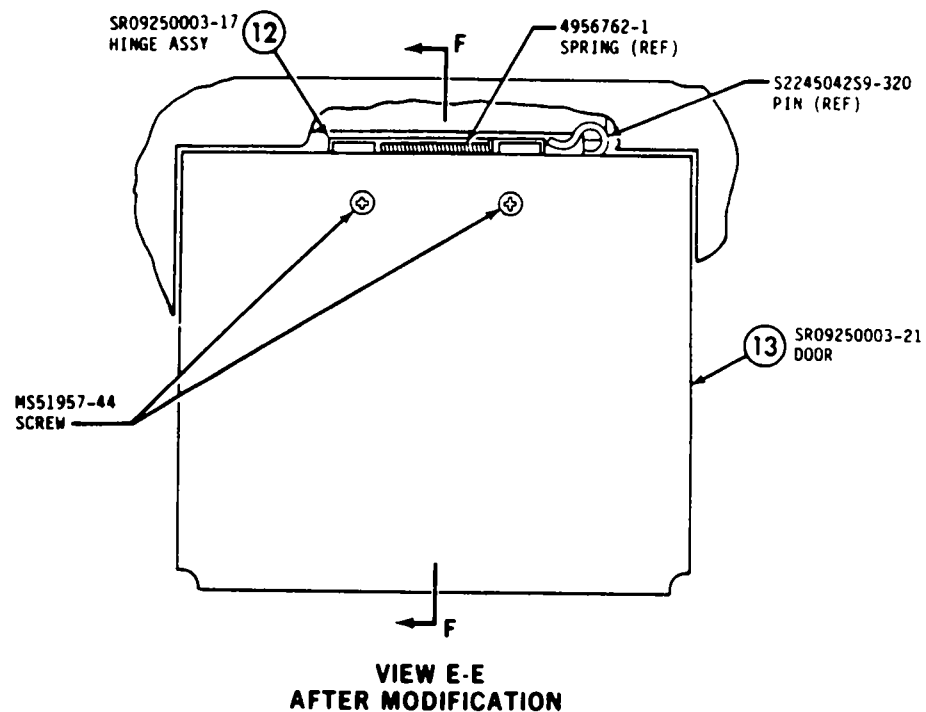
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FIGURE 1 (SHEET 5 OF 6)

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NOTE: REFERENCED CHAPTERS AND PARAGRAPHS REFER TO SECTIONS OF THE STRUCTURAL REPAIR MANUAL.

THE FOLLOWING INSTRUCTIONS ARE TYPICAL FOR LEFT AND RIGHT AFT LAVATORY WASTE CONTAINERS.

- ① OPEN AND SECURE 5914557-(ANY CONFIGURATION) AND 5956509-17 DOORS FOR ACCESS TO REPAIR AREA OF CONTAINER ASSEMBLY.
- ② CLEAN INSIDE OF CONTAINER ASSEMBLY BELOW DOOR OPENING PER CHAPTER 51-70-1 PARAGRAPH ENTITLED "REPAIR AREA PREPARATION AND CLEANING."
- ③ POSITION SR09250003-9 PLATE AND SECURE USING SR09250003-5 TAPE.
- ④ CUT THREE PIECES OF SR09250003-7 CLOTH 2.5 X 9 INCHES AND LAYUP PER CHAPTER 51-70-3, PARAGRAPH ENTITLED "GLASS FIBER LAYUP TO METAL REPAIRS."

NOTE: PARAGRAPHS 2.A.(2), (9), (10), AND (11) ARE NOT REQUIRED FOR THIS REPAIR.

- ⑤ (NOT SHOWN) ALLOW RESIN TO CURE AT ROOM TEMPERATURE; EIGHT HOURS FOR HALF STRENGTH AND 16 HOURS FOR FULL STRENGTH.

NOTE: HEAT MAY BE USED TO REDUCE CURING TIME AS APPLIED IN CHAPTER 51-70-3, PARAGRAPH 2.A. (9), (10), AND (11) OR CHAPTER 51-70-1, PARAGRAPH 6.

- ⑥ REIDENTIFY MODIFIED CONTAINER ASSEMBLY AS FOLLOWS:

<u>OLD PART NO.</u>	<u>NEW PART NO.</u>	<u>KEY WORD</u>
5956509-1	5956509-505	CONTAINER ASSY (LS)
OR		
5956509-501		
OR		
5956509-503		
5956509-509	5956509-507	CONTAINER ASSY (RS)
5956509-1	5956509-506	
OR		
5956509-501		
OR		
5956509-503		
5956509-510	5956509-508	

- ⑦ REFORM DOOR AS REQUIRED TO MAINTAIN .030 (.76) INCH MAXIMUM CLEARANCE BETWEEN DOOR AND CONTAINER.
- ⑧ CLOSE CONTAINER AND CABINET DOOR.
- ⑨ REMOVE 4914565-1 OR -501 DOOR ASSEMBLY AS FOLLOWS:
 - a. 4914565-1 - SEPARATE 4914565-3 DOOR FROM 4914565-5 HINGE HALF USING A SHARP EDGED CHISEL.
 - b. 4914565-501 - REMOVE TWO MS51957-44 SCREWS.
- ⑩ REMOVE 4914565-7 HINGE FROM CABINET AS FOLLOWS:
 - a. SAND FIBERGLASS FROM SURFACE OF HINGE.
 - b. USING A SHARP EDGE CHISEL, PRY HINGE FROM CABINET.
 - c. REMOVE S2245042S9-320 PIN AND S133509-12 SPRING. RETAIN S2245042S9-320 PIN.
 - d. REMOVE RESIN AND GLASS CLOTH TO SMOOTH CABINET SURFACE.

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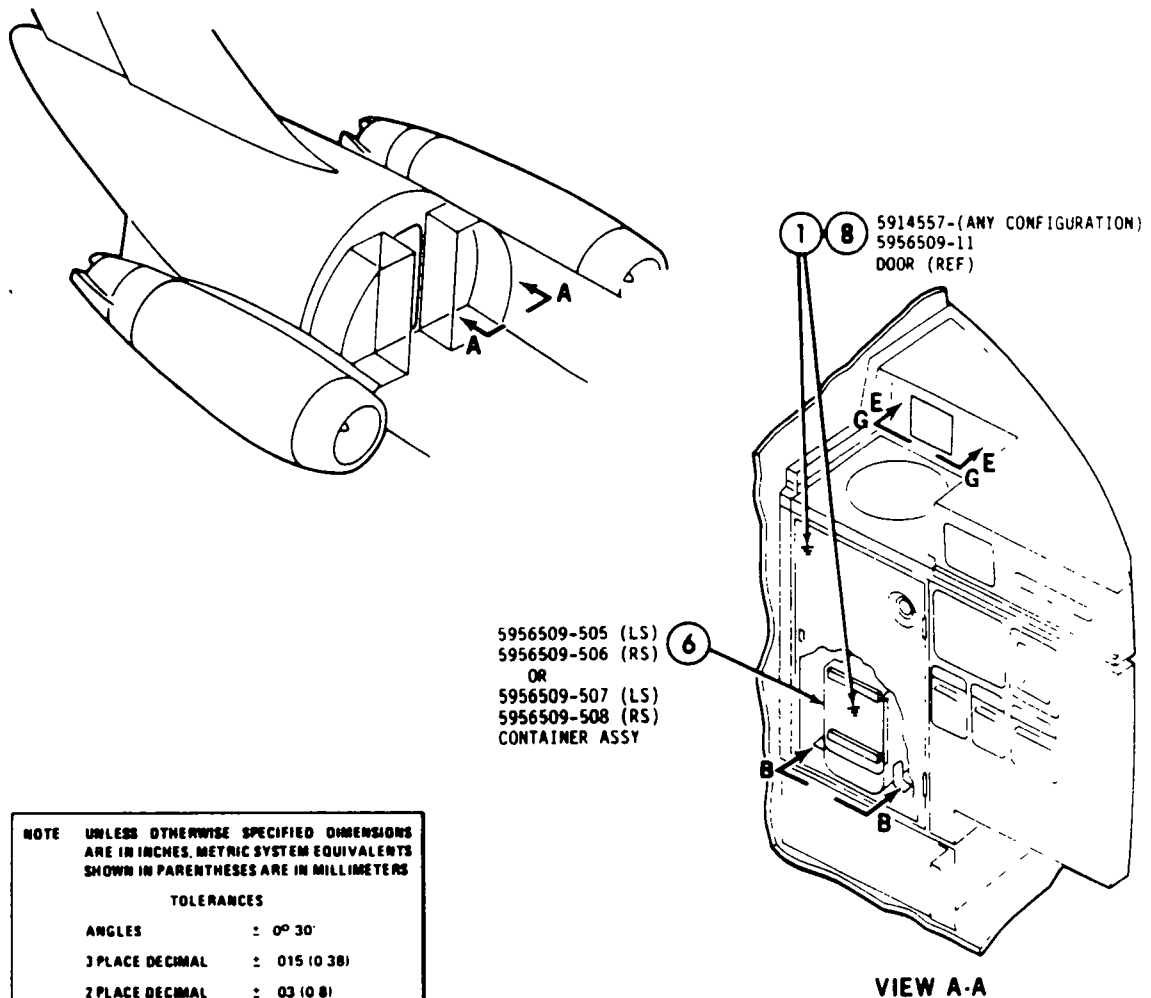
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- ⑪ CLEAN AREA PER CHAPTER 51-70-03, PARAGRAPH ENTITLED "GLASS FIBER LAYUP TO METAL REPAIRS." AND INSTALL SR09250003-19 BRACKET ASSEMBLY AS FOLLOWS:
 - a. ATTACH SR09250003-17 HINGE ASSEMBLY (TEMPORARILY OMIT 4956762-1 SPRING) TO SR09250003-13 LOCATING TOOL AND SR09250003-19 BRACKET ASSEMBLY USING NEW S224504259-320 HINGE PIN AND FOUR MS51957-44 SCREWS.
 - b. CENTER LOCATING TOOL IN OPENING, FLUSH AGAINST TRIM SURFACE OF CABINET.
 - c. BOND SR09250003-19 BRACKET TO CABINET AND ALLOW TO CURE.
 - d. REMOVE SR09250003-17 HINGE ASSEMBLY AND SR09250003-13 LOCATING TOOL.
 - e. LAYUP TWO LAYERS OF SR09250003-23 GLASS CLOTH ON SR09250003-19 BRACKET EXTENDING 1.00 (25.4) INCH FROM BRACKET ON THREE SIDES PER CHAPTER 51-70-3, PARAGRAPH ENTITLED "GLASS FIBER LAYUP TO METAL REPAIRS."
- ⑫ INSTALL SR09250003-17 HINGE ASSEMBLY WITH 4956762-1 SPRING INSTALLED ON SR09250003-19 BRACKET ASSEMBLY.
- ⑬ INSTALL SR09250003-21 DOOR AND VERIFY THAT DOOR SEALS AGAINST CABINET TRIM SURFACE.



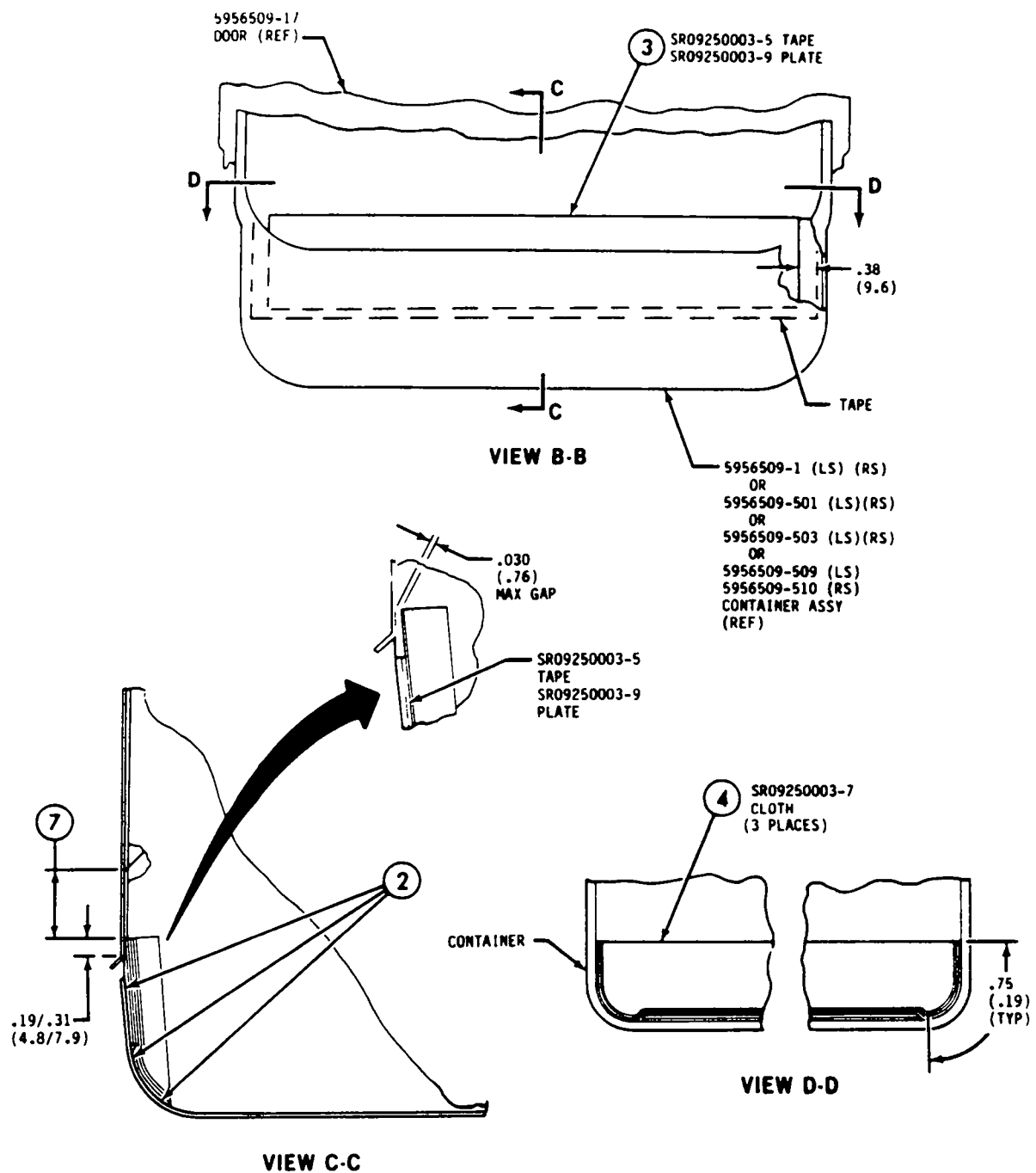
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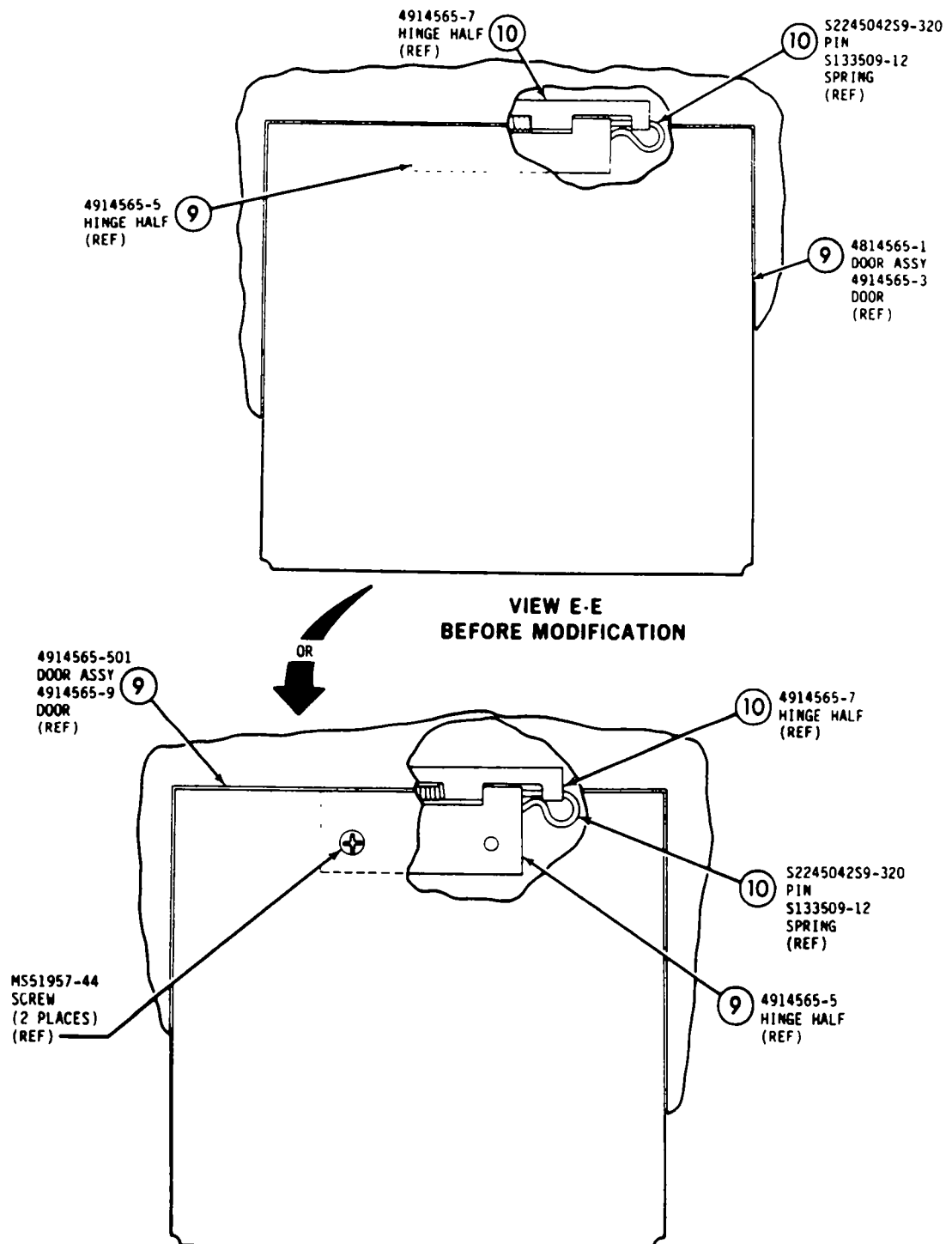
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FIGURE 2 (SHEET 3 OF 6)

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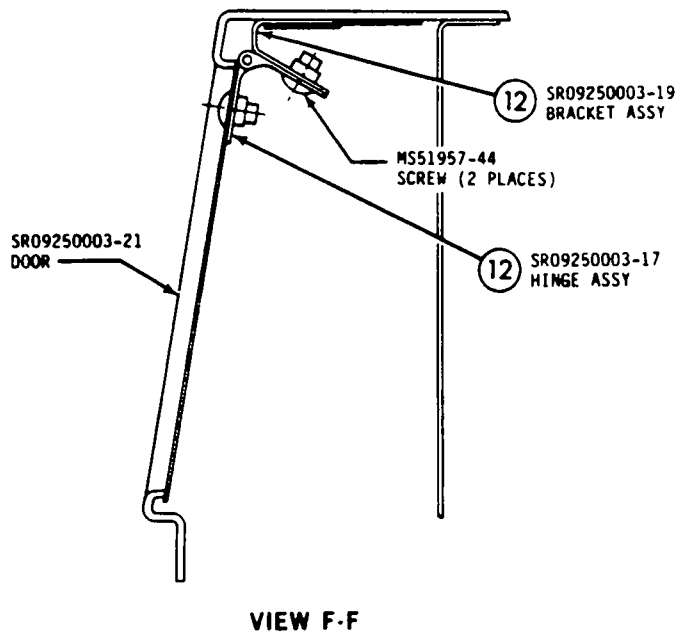
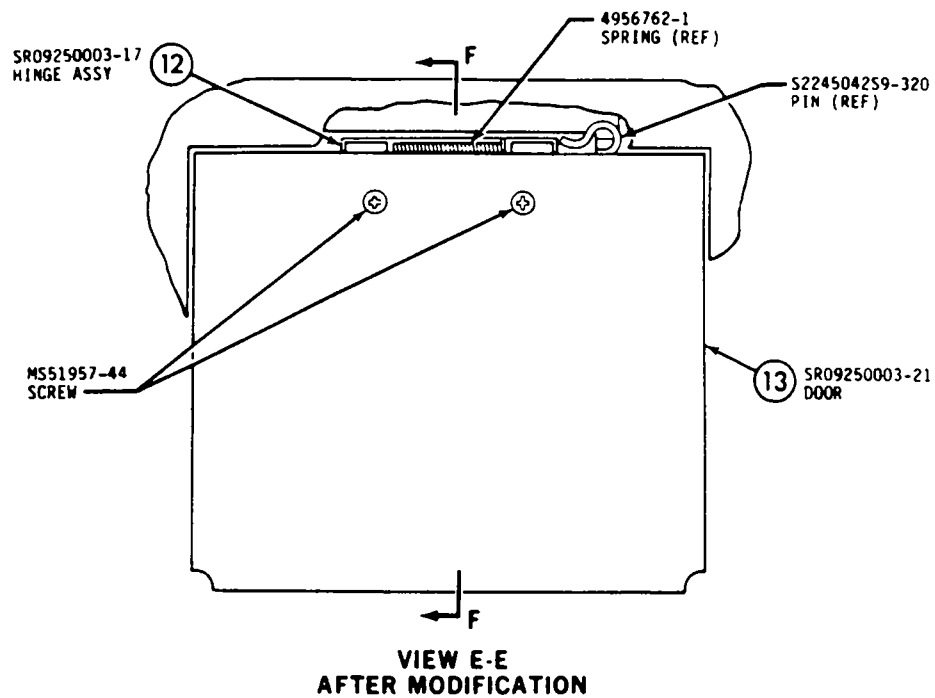
FIGURE 2 (SHEET 4 OF 6)

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3. Material Information:A. The basis for the following material data is per lavatory.

(1) Parts furnished in service kit. See paragraph 1.G.(1).

<u>New Part No.</u>	Qty Per Kit SB09250268		<u>Key Word</u>	<u>Old Part No.</u>	<u>Instructions- Disposition</u>
	-7001	-7003			
SR09250003-3	1		Plate		
SR09250003-5	7 In.	7 In.	Tape		
SR09250003-7	1.6	1.6	Cloth		
	Sq Ft	Sq Ft			
SR09250003-9		1	Plate		
SR09250003-17	1	1	Hinge Assy		
SR09250003-19	1	1	Bracket Assy		
SR09250003-23	2	2	Cloth		
SR09250003-21	1	1	Door	4914565-1	
				or	
				4914565-501	

(2) Parts to be procured from operator's stock.

NOTE: Quantity indicated is per service kit only.

<u>Part No.</u>	<u>Qty</u>	<u>Key Word</u>
MS51957-44	4	Screw

(3) Tool to be fabricated by the operator. (See paragraph 2.A.)

<u>Part No.</u>	<u>Qty</u>	<u>Key Word</u>	<u>Instructions- Disposition</u>
SR09250003-13	1	Locating Tool	<u>1/</u>

1/ Fabricate from 6061-T6 aluminum clad sheet,
.020 X 3 X 7 inches. Material Specification
QQ-A-250/11, Temper T6. Identify as
SR09250003-13. (See sketch in paragraph 2.)

(4) Parts to be modified and reidentified by operator.

<u>New Part No.</u>	Qty Applicable To Kit SB09250268		<u>Key Word</u>	<u>Old Part No.</u>
	-7001	-7003		
5920937-505	1		Container Assy	5920937-1
				or
				5920937-501
				or
				5920937-503

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<u>New Part No.</u>	Qty Applicable To Kit SB09250268		<u>Key Word</u>	<u>Old Part No.</u>
	-7001	-7003		
5920937-507	1		Container Assy	5920937-509
5956509-505		1	Container Assy (LS)	5956509-1
				or
				5956509-501
				or
				5956509-503
5956509-507		1	Container Assy (LS)	5956509-509
5956509-506		1	Container Assy (RS)	5956509-1
				or
				5956509-501
				or
				5956509-503
5956509-508		1	Container Assy (RS)	5956509-510

B. The basis for the following material data is per spares.

Modify spare 5920937-(any configuration) container assembly per this Service Bulletin. Kit SB09250268-7001 is required.

Modify spare 5956509-(any configuration) container assembly per this Service Bulletin. Kit SB09250268-7003 is required.

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